BLACK&DECKER®

Low Temperature Glue Gun 202 LT

Low Temperature Compact Glue Gun 204 LT

Instruction Manual

READ INSTRUCTION MANUAL BEFORE OPERATING THE UNIT

Home Use Warranty (A Full Two Year Warranty)

Black & Decker (U.S.) Inc. warrants this product for two years against any defects due to faulty materials or workmanship. Please return the complete unit, transportation prepaid, to the seller (if a participating retailer) for free replacement (proof of purchase may be required).The unit may also be returned to a Black & Decker Service Center or Authorized Service Station, listed under "Tools, Electric" in the yellow pages for free replacement or repair at our option. This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state. Should you have any questions, contact your nearest Black & Decker Service Center manager.

Like most Black & Decker tools, this tool is listed by Underwriter's Laboratories to ensure that it meets stringent safety requirements. This symbol on the nameplate means that the product is listed by

Underwriter's Laboratories, Inc.

See 'Tools, Electric'
- Yellow Pages -
For Service and Sales

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Black & Decker (U.S.) Inc., U.S. Power Tools Group, P.O. Box 798, Hunt Valley, MD 21030-0798

Welcome to the Wonderful World of Black & Decker Tools.

Your new Low Temperature Glue Gun is designed to apply special, lower melting temperature (225°F) hot melt adhesives. The lower application temperature of the adhesive will allow the bonding of many heat sensitive materials such as polystyrene foam while maintaining excellent bond strength. This feature dramatically expands the versatility of your new gun for gluing applications in a countless variety of hobby and craft projects.

Your Low Temperature Glue Gun can be used only with the special oval shaped Low Temperature Glue sticks designed specifically for this gun. These are available in standard and extended setting time formulations.

For personal safety and for proper operation of your glue gun, please take the time to carefully read all the safety rules and instructions in this booklet.

Thank you for selecting Black & Decker.

BLACK&DECKER®

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
2. **CONSIDER WORK ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.
3. **KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Do not let visitors contact tool or extension cord.
4. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, high or locked-up place - out of reach of children.
5. **USE SAFETY GLASSES.**
6. **DON'T ABUSE CORD.** Never carry or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
7. **DON'T OVERREACH.** Keep proper footing and balance. Do not use overhead.
8. **DISCONNECT TOOLS.** When not in use, before servicing and when changing accessories.
9. This tool is recommended for indoor use only.
10. **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.
11. **DO NOT TOUCH THE HEATED NOZZLE OF THE GLUE GUN OR THE HOT GLUE.** The operating temperature of this tool is 225°F.
12. Never attempt to use any other material than recommended adhesive, sealer, or caulk sticks in the gun. Use **ONLY** oval shaped low temperature glue sticks. Not for use with crayons or candles.
13. Do not use hot melt glue to take the place of structural fasteners.
14. The adhesive will soften above 132°F. Don't use on objects subject to temperatures of 132°F or above.
15. **DO NOT ATTEMPT TO REMOVE THE UNUSED PORTION OF A GLUE STICK FROM THE TOOL.** Purge unused glue from gun through nozzle only. DO NOT remove from rear of gun.
16. Never attempt to force cool the gun after use by immersing any part of it in water or any other liquid. Allow gun to air cool only.
17. Supervise the use of this tool by children.
18. **THE GLUE GUN IS ON AS SOON AS IT IS PLUGGED IN.**
19. **WHEN NOT IN USE, DO NOT LEAVE GLUE GUN PLUGGED IN FOR AN EXTENDED TIME. DO NOT LEAVE UNATTENDED.**
20. **ALWAYS BE SURE THAT THE GLUE GUN IS COOL BEFORE STORING IT.**
21. **AVOID ACCIDENTAL GLUE DISCHARGE.** Feeding or pushing adhesive stick with too much force into a heated gun may cause hot adhesive to be unexpectedly expelled from nozzle.
22. **DO NOT** store the glue gun in direct sunlight for extended periods.

NOTE: This tool will become quite warm during use. This is normal and does not indicate a problem.

SAVE THESE SAFETY RULES FOR FUTURE USE.

Extension Cords

Only round jacketed extension cords should be used and we recommend that they be listed by Underwriters Laboratories (UL). An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety, and to prevent loss of performance. The smaller the gauge number of the wire, the greater the capacity of the cable; that is, 16 gauge has more capacity than 18 gauge. When using more than one extension cord, be sure each individual extension contains at least the minimum wire size appropriate for the total length of your extension.

To determine the minimum size required, refer to the chart below:

CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORDS

NAMEPLATE RATING-WATTS	TOTAL EXTENSION CORD LENGTH-FEET							
0-120	25	50	75	100	125	150	175	200
	18	18	16	16	14	14	12	12

Operation

Install wire stand by spreading apart legs and inserting ends of wire into holes in nose of gun. (202 LT only)

Insert oval stick of Low Temperature adhesive into inlet tube of gun's melt chamber. Squeeze trigger or push with thumb to set adhesive stick firmly in chamber. Plug in gun and wait 3-5 minutes for gun to heat. **WARNING: TOOL IS "ON" AS SOON AS IT IS PLUGGED IN. NOTE:** On initial use, a second stick of adhesive may be required to be loaded into gun immediately after advancing the first stick to produce flow. CAUTION: Feeding or pushing adhesive stick with too much force into a heated gun may cause hot adhesive to be unexpectedly expelled from nozzle. Apply adhesive by squeezing trigger. The more the trigger is pulled, the more glue will flow out of nozzle. When gun stops feeding glue, release trigger and squeeze again. When one adhesive stick is depressed to the level of inlet tube lip, insert another.

Operation (continued)

In between applications use stand to keep the unit upright for good ventilation. Simply rotate stand forward for use. (202 LT only)

NOTE: We recommend placing a piece of scrap material under nozzle to prevent damage to surface the unit is resting on.

When all gluing operations are completed, simply unplug tool and allow it to cool to room temperature. Store away in safe, dry place. **DO NOT ATTEMPT TO PULL THE UNUSED STICK FROM GUN AFTER USE.** Any unused adhesive can be reheated and used at a future date without any loss of bonding strength. **WARNING: MAKE SURE THAT UNIT HAS COOLED DOWN BEFORE PLACING IN STORAGE.**

Tips On Using Your Low Temperature Glue Gun

1. Make sure the surfaces to be bonded are clean and free from dirt or oily films. Clean surfaces always bond best so take time to prepare the surfaces prior to gluing.
2. Surfaces should be pressed together within 10 seconds of the adhesive being applied. Thin beads will dry fastest.
3. Working time can be extended to 30 seconds or more by applying the adhesive in large heavy pools (1/2" diameter).
4. Working time can also be extended by preheating the surfaces to be bonded. This can be done with a hand held hair dryer. This will also improve bond strength.
5. It is always best to work in a room with an ambient temperature of 68° to 72°F. Extreme cold will quicken set-up time.
6. The use of clamps or holding devices is usually not required.
7. Bonding large areas is not recommended since adhesive will set before positioning can occur.
8. Low Temperature Glue begins to soften at temperatures exceeding 132°F. Low Temperature Glue should not be used on items subjected to temperatures above 132°F.

Tips On Using Your Low Temperature Glue Gun (continued)

9. Do not use Low Temperature Glue in place of structural fasteners to hold heavy loads.
10. Low Temperature Glue can be stored indefinitely, even in the gun, and be remelted at future uses with full bonding capability.
11. Low Temperature Glue can be used to bond items on both latex and mylar balloons. The glue should be applied to the item being put on and not directly to the balloon. Press the item with glue applied to it and position on the balloon. Always wear eye protection.
12. Two types of Low Temperature Glue are available:
    All Purpose - Normal Setting Time
    Slow Set - Extended Setting Time
13. Some paints and stains containing petroleum distillates can weaken the adhesive. Test before using. You may need to paint or stain before gluing.
14. Hardened glue may be removed by peeling, scraping or reheating with the hot tip of gun.

Cleaning

Use only mild soap and a damp cloth to clean the tool. Many household cleaners contain chemicals which could seriously damage the plastic. Also, do not use gasoline, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products. Never let any liquid get inside of tool; never immerse any part of the tool into a liquid.

Important

To assure product **SAFETY** and **RELIABILITY**, repairs, maintenance and adjustments should be performed by Black & Decker Service Centers or other qualified organizations. This tool contains no customer serviceable components.

Customer Service

If you need additional information or assistance in answering questions, please contact: Black & Decker (U.S.) Inc., User Services Department, P.O. Box 618, 626 Hanover Pike, Hampstead, MD 21079